

ECS/EMD Configuration Change Request

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Page(s)

1. Originator Sarah Lewallen	2. Log Date: 10/6/04	3. CCR #: 04-0538	4. Rev: —	5. Tel: 301-925-0865	6. Rm #: 3103A	7. Org. SED
8. CCR Title: Create host for simulated SAN in the EDF.						
9. Originator Signature/Date Sarah Lewallen /s/ 10/6/04			10. Class IN	11. Type: CCR	12. Need Date: 10/7/04	
13. CCR Sponsor Signature/Date Pamela Johnson /s/ 10/6/04			14. Category of Change: EDF/Infrastructure		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact: None		18. CI(s) Affected:	
19. Release Affected by this Change: N/A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Request from Lab						
23. Problem: (use additional Sheets if necessary) The lab needs to be set up to appear more like the DAAC configuration. To accomplish this task, a separate host is needed as the disk host. Currently f0dps01 is hosting the file systems and custom code for the datapool. At the DAACs the datapool is hosted on the x0dps01 and the file systems are hosted on the x0sas01. HTSC is connected via FDDI which has reached EOL. This will be removed on Friday. A host is needed to support the htsc functionality.						
24. Proposed Solution: (use additional sheets if necessary) Move the old t1ins01 (ein 3393) to the EDF network, install Solaris 8 OS, and standard COTS. Connect RAID EIN 2295 to host the datapool file systems. Install 2 x 73GB drives for data from HTSC. The RAID will be configured with data pool file systems to match existing f0dps01 file systems. The 2x73 GB will be mirrored to host the HTSC data through NFS for all /tools/bin, /tools/restricted, development libraries (roguewave), netscape, purify, emacs, etc. It would be the equivalent of the MSS file server in a DAAC. (A separate CCR will be needed for anonymous ftp configuration.)						
25. Alternate Solution: (use additional sheets if necessary) Install the 2x73GB drives in a multipack and connect to another server in the EDF and mirror using disksuite.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary)						
27. Justification for Emergency (If Block 15 is "Emergency"): Need to move the NetApp host 'htsc' from FDDI to ethernet by friday October 8 in order to support an infrastructure hardware refresh. Currently the host does not have an ethernet card.						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments: Approved pending Task 101 concurrent.			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. EDF CCB Chair (Sign/Date): Darryl Washington /s/ 10/7/04		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				